

WE CLAIM:

1. A computer program product for controlling a computer, said computer
5 program product comprising:
 malware infection detecting logic operable to detect a malware infection of at
 least one computer; and
 device disabling logic operable upon detection of said malware infection to
 disable operation of one or more data I/O devices of said at least one computer.
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2. A computer program product as claimed in claim 1, wherein said malware
infection detection logic detects a malware infection by one or more of:
 positively identifying an item of malware upon said at least one computer; and
 identifying behaviour of said at least one computer indicative of malware
15 infection.
3. A computer program product as claimed in claim 1, wherein said one or more
data I/O devices include one or more of:
 a floppy disk drive;
20 a compact disk drive;
 a removable media drive; and
 a network interface card.
4. A computer program product as claimed in claim 1, wherein said device
25 disabling logic is operable upon detection of malware infection to disable at least one
data I/O device of at least one further computer.
5. A computer program product as claimed in claim 1, wherein said device
disabling logic is operable to require user confirmation prior to disabling said one or
30 more data I/O devices.
6. A computer program product as claimed in claim 1, wherein said device
disabling logic is operable to disable said one or more data I/O devices using an API
call to an operating system of said at least one computer.

7. A computer program product for controlling a computer, said computer program product comprising:

5 device disabling logic operable upon receipt by a computer of a command indicative of malware infection precautions being taken to disable operation of one or more data I/O devices of said computer.

8. A computer program product as claimed in claim 7, wherein said one or more data I/O devices include one or more of:

10 a floppy disk drive;
a compact disk drive;
a removable media drive; and
a network interface card.

15 9. A computer program product as claimed in claim 7, wherein said device disabling logic is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

20 10. A computer program product for controlling a computer, said computer program product comprising:

user input logic operable to receive a user input indicative of activating precautions against a malware infection; and

device disabling logic operable upon receipt of said user input to disable operation of one or more data I/O devices of said at least one computer.

25 11. A computer program product as claimed in claim 10, wherein said one or more data I/O devices include one or more of:

30 a floppy disk drive;
a compact disk drive;
a removable media drive; and
a network interface card.

12. A computer program product as claimed in claim 10, wherein said device disabling logic is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

5 13. A computer program product as claimed in claim 10, wherein said device disabling logic is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

10 14. A method of protecting against malware infection, said method comprising the steps of:

detecting a malware infection of at least one computer; and
upon detection of said malware infection disabling operation of one or more data I/O devices of said at least one computer.

15 15. A method as claimed in claim 14, wherein detection of a malware infection is by one or more of:

positively identifying an item of malware upon said at least one computer; and
identifying behaviour of said at least one computer indicative of malware infection.

20 16. A method as claimed in claim 14, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;
a compact disk drive;
a removable media drive; and
a network interface card.

25 17. A method as claimed in claim 14, wherein upon detection of malware infection at least one data I/O device of at least one further computer is disabled.

30 18. A method as claimed in claim 14, wherein user confirmation is required prior to disabling said one or more data I/O devices.

19. A method as claimed in claim 14, wherein disabling said one or more data I/O devices uses an API call to an operating system of said at least one computer.

20. A method of protecting against malware infection, said method comprising the
5 steps of:

upon receipt by a computer of a command indicative of malware infection precautions being taken disabling operation of one or more data I/O devices of said computer.

10 21. A method as claimed in claim 20, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;
a compact disk drive;
a removable media drive; and

15 a network interface card.

22. A method as claimed in claim 20, wherein disabling said one or more data I/O devices uses an API call to an operating system of said at least one computer.

20 23. A method of protecting against malware infection, said method comprising the steps of:

receiving a user input indicative of activating precautions against a malware infection; and

25 upon receipt of said user input disabling operation of one or more data I/O devices of said at least one computer.

24. A method as claimed in claim 23, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;
a compact disk drive;
a removable media drive; and
a network interface card.

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25. A method as claimed in claim 23, wherein upon detection of malware infection disabling at least one data I/O device of at least one further computer.

26. A method as claimed in claim 23, wherein disabling said one or more data I/O devices uses an API call to an operating system of said at least one computer.

27. Apparatus for protecting against malware infection, said apparatus comprising:

10 a malware infection detector operable to detect a malware infection of at least one computer; and

a device disabling unit operable upon detection of said malware infection to disable operation of one or more data I/O devices of said at least one computer.

28. Apparatus as claimed in claim 27, wherein said malware infection detector 15 detects a malware infection by one or more of:

positively identifying an item of malware upon said at least one computer; and
identifying behaviour of said at least one computer indicative of malware infection.

20 29. Apparatus as claimed in claim 27, wherein said one or more data I/O devices include one or more of:

a floppy disk drive;
a compact disk drive;
a removable media drive; and
25 a network interface card.

30. Apparatus as claimed in claim 27, wherein said device disabling unit is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

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31. Apparatus as claimed in claim 27, wherein said device disabling unit is operable to require user confirmation prior to disabling said one or more data I/O devices.

32. Apparatus as claimed in claim 27, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

5 33. Apparatus for protecting against malware infection, said apparatus comprising:

a device disabling unit operable upon receipt by a computer of a command indicative of malware infection precautions being taken to disable operation of one or more data I/O devices of said computer.

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34. Apparatus as claimed in claim 33, wherein said one or more data I/O devices include one or more of:

- a floppy disk drive;
- a compact disk drive;
- 15 a removable media drive; and
- a network interface card.

35. Apparatus as claimed in claim 33, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

20 36. Apparatus for protecting against malware infection, said apparatus comprising:

a user input unit operable to receive a user input indicative of activating 25 precautions against a malware infection; and

a device disabling unit operable upon receipt of said user input to disable operation of one or more data I/O devices of said at least one computer.

37. Apparatus as claimed in claim 36, wherein said one or more data I/O devices 30 include one or more of:

- a floppy disk drive;
- a compact disk drive;
- 35 a removable media drive; and
- a network interface card.

38. Apparatus as claimed in claim 36, wherein said device disabling unit is operable upon detection of malware infection to disable at least one data I/O device of at least one further computer.

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39. Apparatus as claimed in claim 36, wherein said device disabling unit is operable to disable said one or more data I/O devices using an API call to an operating system of said at least one computer.

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